## Paul C. Haughey, Reg No. 31,836, (650) 326-2400 plication No. Unassigned; Atty. Docket: 018170-6 ttle: An intelligent blemish control algorithm and a Applicants: Michael Chang et al. Sheet 1 of 5

12 14 16

CCD/CMOS SENSOR DEFECTIVE PIXEL VALUE RESTORATION

FIG. 1

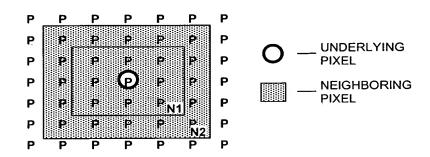


FIG. 2

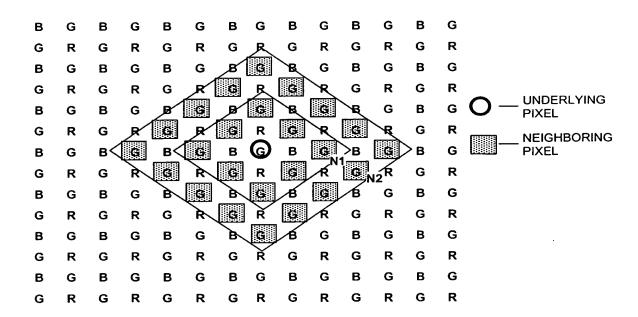


FIG. 3

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В G В G В G В G В G В G В R G R G R G R G R G R G G В 8 | G В G В G G В G G В В N2 G G R G R G G R G R R G R B<sub>N1</sub> 8 В В G G G В G В В G G **UNDERLYING** G R G R G R G R G R G R G PIXEL ➂ В 8 В В G B G G G G G В **NEIGHBORING** R R G R G R G PIXEL R G G R G G В 8 В В G В В G G G G В G R R G R G R G G R G G R G В 8 В G В В G G G В G В G G G R G R G R G R G R G R G G В G В В G В G В G В В

FIG. 4

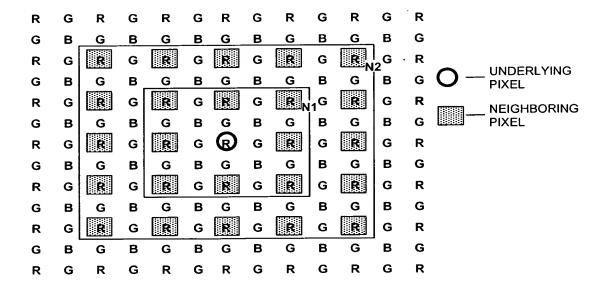


FIG. 5

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## Paul C. Haughey, Reg No. 31,836, (650) 326-2400 plication No. Unassigned; Atty. Docket: 018170-0 plication No. Unassigned; Atty. Docket

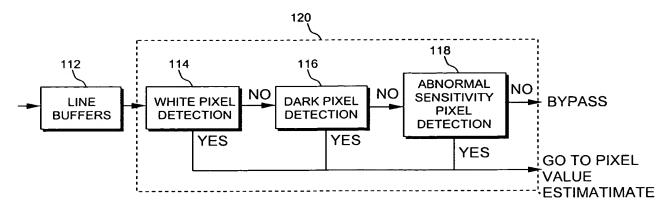
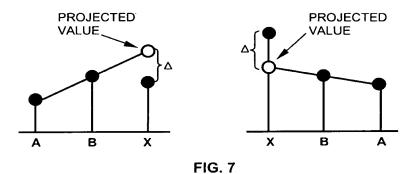
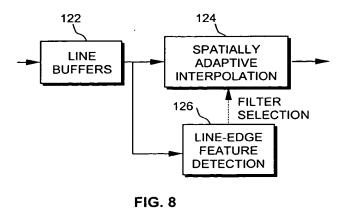


FIG. 6





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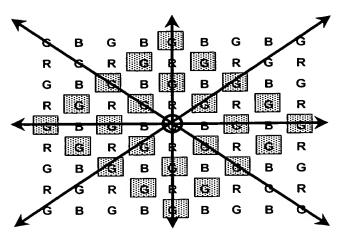


FIG. 9

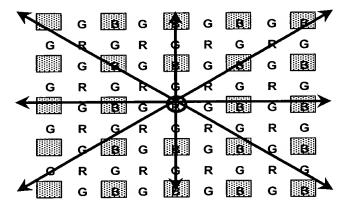


FIG. 10

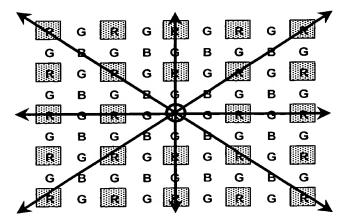


FIG. 11

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Paul C. Haughey, Reg No. 31,836, (650) 326-2400 dication No. Unassigned; Atty. Docket: 018170-0 ttle: An intelligent blemish control algorithm and applicants: Michael Chang et al.

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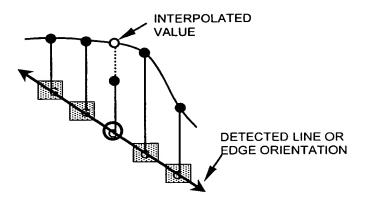


FIG. 12